

The following definition of terms were added in the first amendment.

rigid entity- is the term given to the new, single, container that is formed by securing at least one (first) attachable container on top of a wheeled container. It is also the term given to the new single container that is formed when a second attachable container is secured on the first attachable container which is already secured to the wheeled container. This also pertains to a third attachable container on top of the second, fourth on top of the third, etc. The word **single** is an adjective to further clarify the description of the new entity formed from the multiplicity of containers as a single container that functions in terms of tilting and rolling as a single container. It commonly precedes the two words "rigid entity".

means for securing- is the physical element that mechanically fastens between or across the interface of either a wheeled container and first attachable container, or first attachable container and second attachable container, or second attachable container and third attachable container, etc. The Ferbrache handles (4) are the preferred embodiment and several standard types of hardware or joint design are shown in the alternative embodiments in Figures 4-8.

secure- is the action of engaging the means of securing

hitch -noun- is the physical element that fastens two tilted for rolling, wheeled, containers together. (One or both of the containers may be either a taller one piece container such as a refuse container, or a rigid entity. These hitched containers each have their own wheels which rest separately on the floor, thus forming the "cars of a train"). Fig 4 is the referred embodiment of a hitch which are used with the Ferbrache handles. Other examples of a hitch may be a flexible strap.

hitch- verb - also hitching, hitched- this is the action of fastening two tilted for rolling, wheeled containers together where one or both of the containers may be either a taller one piece container such as a refuse container, or a rigid entity.

adjoining -adjective- refers to the containers directly in contact with one another, such as the wheeled container and the first attachable container. The wheeled container and second attachable container do not touch each other and hence are not considered adjoining.

"Adjoining" and "adjoin" do not refer to hitches or hitching, are not used as a verb, and are not part of the hitch or hitching operation.

ergonomically comfortable tilting and rolling - refers to a minimal height that the rigid entity must reach to allow an adult to tilt and then roll the rigid entity with their back or spine in the straightened position.

tilted for rolling - means that the wheeled container or rigid entity is tilted so that the center of gravity is shifted and held in position above the axis of the means for rolling in order to vertically balance the container in a coplanar direction perpendicular to the axis of rotation. This is typically in excess of a 10 degree angle (for symmetrical evenly loaded containers) between the vertical axis of the container in its free standing position and it's tilted position

The luggage container designs were also discussed as possible prior art but there are no designs that utilize the applicant's claimed structure of using the attachable container to lengthen the shorter wheeled container to make tilting for rolling ergonomically comfortable. All luggage designs offer an extending handle that elongates from the wheeled luggage container and an attachable container that is secured to this handle, not to their adjoining container. (There are also no luggage systems that have hitched, tilted for rolling, containers).

Applicant included the following to the Operation under DEFINITION OF TERMS to clarify the claims since the use of RUBBERMAID 32 gallon refuse container is not permitted in the claims.

RUBBERMAID refuse container- 'RUBBERMAID' refuse container refers to the 32 wheeled refuse container that is tilted for rolling having the Ferbrache handles for lifting and lid fastening as shown in Fig 8, 9, 10 and identification/ description in the specification and claims will be defined by the term 'RUBBERMAID refuse container' and since many of the claims refer to this specific container and handles, it is imperative to use this term.

The term 'RUBBERMAID refuse container' in this patent in the disclosure and claims will include all of the following limitations and descriptions as described in the US 4,691,840 FERBRACHE patent:

A refuse container comprising:

a receptacle body having vertical side walls and a central cavity extending downwardly there between;

a lid having a downturned peripheral rim receivable over a top end of said receptacle body, said lid having peripherally located detent means;

at least one lid locking handle having an inward end pivotally coupled to said receptacle body side walls and an outward free end; said handle having camming handle locking projection means and lid locking projection means for respective engagement against said receptacle body side walls and said lid detent means as said handle free end is pivoted toward said receptacle body.

2. A refuse container according to claim 1, wherein a portion of said handle free end extends above a top surface of said lid.

3. A refuse container according to claim 1, wherein said handle locking projection means comprising at least one eccentric camming lobe disposed to rotate over said receptacle body side walls into a fixed, locked position.

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4. A refuse container according to claim 3, wherein said receptacle body is formed of elastomeric plastics material deformable inwardly under influence of said camming lobe.
5. A refuse container according to claim 4, wherein said camming lobe residing in a vertically extending recess formed within said receptacle body.
6. A refuse container according to claim 5, wherein said lid locking projection means comprising a tooth extension projecting parallel and spaced apart from said camming lobe.
7. A refuse container according to claim 6, wherein said lid detent means being located in said lid peripheral rim.
8. A refuse container according to claim 7, wherein said lid detent means comprising a continuous groove in said lid peripheral rim adapted to receive said handle tooth extension therein.
9. A refuse container according to claim 8, wherein said lid and said receptacle body being of circular horizontal cross section whereby said lid is situatable upon said receptacle body throughout a 360 degree range of orientation.
10. A refuse container according to claim 1, wherein said lid locking handle having a generally U-shaped profile, comprising parallel arm segments extending from a central bight portion, with remote ends of said arm segments being pivotally coupled to said receptacle body.
11. A refuse container according to claim 10, wherein said handle locking projection means comprising at least one eccentric camming lobe disposed at a distal end of said handle and adapted to rotate over said receptacle body into a fixed locked position.
12. A refuse container according to claim 11, wherein said receptacle body being composed of resilient elastomeric plastics material deformable inwardly under influence of said camming lobe whereby said receptacle body exerting a residual outwardly directed frictional lock against said camming lobe in said fixed locked position.
13. A refuse container comprising:
 - a receptacle body having vertical side walls and a central cavity extending downwardly therebetween;
 - a lid having a downturned peripheral lid receivable over said top end of said receptacle body and said lid having peripherally located detent means;
 - at least one generally U-shaped handle comprising two parallel arm segments extending from a central bight portion, with distal ends of said handle arm segments pivotally

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coupled to said receptacle body, whereby said bight portion swinging toward said receptacle body into a locking position and away from said receptacle body into a release position; at least one said handle arm segment having spaced apart handle locking means and lid locking projection means to respectively engage said receptacle side walls and said lid detent means as said handle bight portion is pivoted toward said receptacle body.

14. A refuse container according to claim 13, wherein said handle bight portion extending above the top surface of said lid in said locking position.

15. A refuse container according to claim 14, wherein said lid and said receptacle body being of substantially circular in horizontal cross section.

16. A refuse container according to claim 15, wherein said lid detent means comprising a continuous groove formed in said lid peripheral rim.

17. A refuse container according to claim 16, wherein said lid locking projection means comprising a tooth projection profiled for receipt into said lid rim groove.

18. A refuse container according to claim 13, wherein said handle locking means comprising an eccentric camming lobe disposed to rotate over said receptacle as said handle bight portion is rotated into said locking position.

19. A refuse container according to claim 18, wherein said receptacle body being composed of resilient plastic materials deformable inwardly as said camming lobe rotates thereover, whereby said receptacle body exerting outwardly directed resilient forces against said camming lobe in said locked position.

20. A refuse container, according to claim 19, wherein said camming lobe residing in a vertical track recess formed in said receptacle body.